

Supplementary Table I. Kinetic properties of caspase-7 variants

	$k_{\text{cat}}(\text{s}^{-1})$	$K_{\text{M}}(\mu\text{M})$	$k_{\text{cat}}/K_{\text{M}}(\text{M}^{-1}\text{s}^{-1})$
Casp7-Q196	7.8	66	1.2×10^5
Casp7-D198	5.2	44	1.2×10^5
Casp7-D206	5.4	37	1.4×10^5

Each enzyme was titrated with Z-VAD-fmk to determine the precise active concentration, and the parameters k_{cat} and K_{M} were determined using Ac-DEVD-afc substrate.